Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117120.D
Acq On : 17 Sep 2019 21:17
Operator : HP/JU
Sample : K4661-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Manual Integrations APPROVED
mohammad
9/19/2019 4:45:18 PM

Quant Time: Sep 18 12:07:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62337	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	239818	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	124576	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	209740	20.00	ng		0.00
76) Chrysene-d12	13.97	240	141780	20.00	ng		0.00
87) Perylene-d12	15.42	264	120191	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	517692	129.66	ng		0.02
7) Phenol-d6	6.47	99	638634	123.76	ng		0.01
23) Nitrobenzene-d5	7.39	82	470347	103.05	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	167510	160.89	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	827554	103.87	ng		0.00
79) Terphenyl-d14	12.92	244	823043	108.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	68673	41.103	ng	#	85
3) Pyridine	3.45	79	92210	20.164	ng		97
4) n-Nitrosodimethylamine	3.36	42	70512	44.930	ng		97
6) Aniline	6.49	93	65587	9.872	ng	#	80
8) 2-Chlorophenol	6.62	128	210584	48.889	ng		98
9) Benzaldehyde	6.37	77	55186	15.661	ng		95
10) Phenol	6.48	94	230507	40.521	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	202507	48.436	ng		98
12) 1,3-Dichlorobenzene	6.77	146	209135	43.268	ng		97
13) 1,4-Dichlorobenzene	6.84	146	215408	43.670	ng		98
14) 1,2-Dichlorobenzene	7.00	146	204365	44.500	ng		97
15) Benzyl Alcohol	6.97	79	193499	48.900	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	189571	45.894	ng		87
17) 2-Methylphenol	7.09	107	173347	48.018	ng		95
18) Hexachloroethane	7.33	117	83405	43.953	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	155054	49.347	ng		96
20) 3+4-Methylphenols	7.24	107	219945	48.913	ng	#	81
22) Acetophenone	7.23	105	317323	52.080	ng		98
24) Nitrobenzene	7.40	77	241527	53.585	ng		99
25) Isophorone	7.65	82	432483	53.516	ng		100
26) 2-Nitrophenol	7.72	139	108061	55.814	ng		97
27) 2,4-Dimethylphenol	7.76	122	184720	60.165	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	257442	51.705	ng		99
29) 2,4-Dichlorophenol	7.97	162	178331	55.433	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	170139	48.952	ng		96
31) Naphthalene	8.13	128	616177	53.424	ng		99
32) Benzoic acid	7.89	122	54258	26.783	ng		97
33) 4-Chloroaniline	8.18	127	21896	4.280	ng		97
34) Hexachlorobutadiene	8.24	225	98013	49.705	ng		99
35) Caprolactam	8.55	113	43411m	39.867	ng		
36) 4-Chloro-3-methylphenol	8.66	107	208043	55.461	ng		98
37) 2-Methylnaphthalene	8.82	142	420093	54.089	ng		99
38) 1-Methylnaphthalene	8.92	142	392401	53.944	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	164981	51.286	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	131566	91.297	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	117167	53.671	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	126506	54.238	ng		96
46) 1,1'-Biphenyl	9.27	154	509802	52.171	ng		99
47) 2-Chloronaphthalene	9.30	162	399760	51.836	ng		99
48) 2-Nitroaniline	9.40	65	130003	52.556	ng		94
49) Acenaphthylene	9.72	152	632887	54.781	ng		100
50) Dimethylphthalate	9.57	163	484475	54.925	ng		100
51) 2,6-Dinitrotoluene	9.64	165	103454	57.587	ng		93
52) Acenaphthene	9.89	154	362330	52.907	ng		99
53) 3-Nitroaniline	9.81	138	40366	17.809	ng		99
54) 2,4-Dinitrophenol	9.92	184	59181	76.718	ng		97
55) Dibenzofuran	10.06	168	549429	54.375	ng		96
56) 4-Nitrophenol	9.99	139	138324	94.161	ng		93
57) 2,4-Dinitrotoluene	10.05	165	141701	60.766	ng		96
58) Fluorene	10.40	166	454911	55.890	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	99717	55.868	ng		99
60) Diethylphthalate	10.27	149	477094	54.978	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	191482	54.373	ng		97
62) 4-Nitroaniline	10.43	138	115287	48.909	ng		100
63) Azobenzene	10.55	77	485331	54.759	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49249	51.025	ng		88
66) n-Nitrosodiphenylamine	10.51	169	392710	54.215	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	114462	53.438	ng		96
68) Hexachlorobenzene	10.95	284	121145	51.710	ng	#	92
69) Atrazine	11.03	200	94064	55.615	ng		98
70) Pentachlorophenol	11.15	266	122723	111.752	ng		97
71) Phenanthrene	11.36	178	643480	54.014	ng		99
72) Anthracene	11.41	178	670869	55.159	ng		98
73) Carbazole	11.57	167	629151	54.497	ng		99
74) Di-n-butylphthalate	11.89	149	760264	55.350	ng		99
75) Fluoranthene	12.54	202	652754	53.326	ng		99
77) Benzidine	12.67	184	1819m	0.398	ng		
78) Pyrene	12.77	202	651935	54.801	ng		99
80) Butylbenzylphthalate	13.38	149	317698	56.517	ng		98
81) Benzo(a)anthracene	13.96	228	497479	52.518	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	73926	24.218	ng		98
83) Chrysene	14.00	228	483324	52.315	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	428748	59.156	ng		99
85) Di-n-octyl phthalate	14.55	149	689527	60.445	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	400846	59.471	ng		98
88) Benzo(b)fluoranthene	15.00	252	379487	52.124	ng		99
89) Benzo(k)fluoranthene	15.03	252	405235	58.759	ng		99
90) Benzo(a)pyrene	15.36	252	371012	58.073	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	334699	65.764	ng		98
92) Benzo(g,h,i)perylene	17.29	276	330756	65.218	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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